MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

May, 1945

J. A. BROWN, DIRECTOR

Printed at the American Press
Beirut, Lebanon

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WEATHER BUREAU

MAY 1945

METEOROLOGICAL REGISTER

Date	Barometer reduced to eC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	*8.30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	59.1	59.2	59.6	59.3	25.5	15.3	19.4	25.1	18.2	20.9
2	61.2	61.1	60.8	61.0	25.7	17.3	19.6	23.2	18.9	20.6
3	1.2	0.2	59.3	0.2	27.1	18.3	20.5	26.1	20.1	22.2
4	59.0	59.1	8.9	59.0	25.9	17.2	20.9	25.8	19.6	22.1
5	9.3	8.9	8.6	8.9	27.1	17.6	20.2	26.1	20.1	22.1
6	58.9	58.6	59.0	58.8	25.9	16.8	20.5	25.4	21.8	22.6
7	9.4	61.2	8.3	9.6	24.7	17.4	20.1	24.5	19.7	21.4
8	6.4	57.1	5.6	6.4	26.2	20.5	21.9	25.7	22.1	23.2
9	5.6	4.3	5.5	5.1	29.3	21.1	25.4	28.3	23.2	26.0
10	7.3	8.5	9.3	8.4	30.6	19.9	25.1	25.6	23.1	24.6
11	59.9	60.2	59.9	60.0	28.6	20.4	21.8	27.9	23.3	24.0
12	60.0	0.2	8.7	59.6	26.8	18.7	24.9	25.8	21.1	23.9
13	58.1	58.7	7.2	8.0	25.2	17.9	20.1	24.3	20.7	21.7
14	7.8	8.3	6.9	7.7	26.5	17.4	18.6	21.1	19.9	19.9
15	7.9	8.1	7.5	7.8	27.8	18.4	21.7	27.7	20.3	23.2
16	58.8	59.1	59.2	59.0	25.9	17.6	21.6	25.5	20.6	22.6
17	60.3	60.2	60.0	60.2	27.3	17.6	22.7	26.5	20.9	23.4
18	0.1	59.7	58.9	59.6	26.7	18.9	21.7	26.6	20.9	23.1
19	59.6	8.8	8.5	9.0	27.2	18.4	21.6	26.8	21.1	23.2
20	8.6	8.3	7.6	8.2	26.8	19.0	21.7	25.7	20.8	22.7
21	58.5	58.5	58.9	58.6	26.4	18.7	23.1	23.4	21.2	22.6
22	9.7	60.2	60.4	60.1	27.6	18.8	22.9	27.1	21.7	23.9
23	60.8	0.5	0.3	0.5	29.6	20.4	22.7	28.2	23.1	24.7
24	0.2	59.3	58.9	59.5	30.6	20.7	24.4	29.9	23.0	25.8
25	59.2	9.1	8.5	8.9	28.4	21.9	25.5	28.4	23.8	25.9
26	58.4	58.1	57.3	57.9	29.3	22.3	24.8	28.3	25.6	26.2
27	6.2	6.2	5.2	5.9	32.2	23.1	27.8	29.6	26.0	27.8
28	5.9	6.1	5.2	5.7	33.9	21.7	25.1	31.7	25.0	27.3
29	6.3	6.7	5.7	6.2	33.8	20.2	23.8	29.9	24.3	26.0
30	6.7	6.3	6.0	6.3	34.0	23.4	25.5	29.5	23.9	26.3
31	7.1	6.7	6.1	6.6	32.6	20.3	26.1	30.1	24.0	26.7
	58.62	58.62	58.12	58.45	28.23	19.26	22.63	26.76	21.83	23.76

Barometer, range for month 754.3 – 761.2 mm.

,, 62-yr. average for month 759.52 mm.

Thermometer, range for month 15.3°C. — 34.0°C

,, 62-yr. average for month 22.38° C.

Rain, total for month 13.98 m.m.

,, 62-yr average for month 18.29 m.m.

,, Total, Sept. 1st. to end of month 1075.95 mm.

,, 62-yr. average, Sept. 1st. to end of month 880.36 mm.

* Beirut Summer Time

MAY 1945

METEOROLOGICAL REGISTER

Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	12.5	13.9	13.2	13.2	74	59	85	73	12.3	71.0	
2	12.7	13.0	13.4	13.0	75	61	82	73	12.6	129.0	
3	14.7	15.5	14.0	14.7	82	61	80	74	12.3	201.0	
4	14.9	15.9	14.8	15.2	80	64	87	77	11.0	53.0	
5	14.4	14.9	10.2	13.2	82	59	58	66	12.2	109.0	
6	14.0	15.8	14.1	14.6	78	65	72	72	11.0	122.0	
7	11.9	14.9	14.6	13.8	68	66	86	73	11.5	172.0	
8	14.6	15.9	11.8	14.1	74	64	59	66	11.7	84.0	
9	17.2	13.8	13.5	14.8	71	48	64	61	10.4	63.0	
10	14.8	16.5	14.2	15.2	63	68	68	66	9.4	82.0	
11	15.9	16.9	16.3	16.4	82	60	79	74	9.6	68.0	3.81
12	16.0	14.4	14.6	15.0	68	58	78	68	11.0	406.0	
13	15.9	16.5	13.9	15.4	91	74	77	81	3.4	119.0	3.56
14	14.2	14.8	14.5	14.5	89	79	84	84	6.3	74.0	4.83
15	13.8	16.2	14.3	14.8	71	58	81	70	12.3	89.0	
16	15.2	15.5	15.9	15.5	79	63	87	76	13.0	51.0	
17	15.2	16.4	15.8	15.8	74	63	85	74	12.9	64.0	
18	14.9	16.0	15.1	15.3	77	61	81	73	11.6	71.0	
19	14.4	15.5	15.5	15.1	75	58	83	72	12.7	53.0	
20	14.8	15.2	15.5	15.2	76	62	85	74	6.0	98.0	0.76
21	14.9	15.9	15.8	15.5	71	74	84	76	5.3	112.0	0.51
22	15.6	16.2	16.1	16.0	75	60	83	73	11.7	80.0	
23	15.9	16.8	17.2	16.6	78	59	82	73	12.8	77.0	
24	16.7	19.4	17.6	17.9	74	61	84	73	13.0	66.0	
25	17.8	18.6	18.8	18.4	73	65	86	75	12.6	106.0	
26	19.4	20.0	17.1	18.8	82	70	70	74	13.0	39.0	0.51
27	17.2	19.7	17.9	18.3	62	63	72	66	10.8	320.0	
28	18.8	18.9	18.8	18.8	80	54	79	71	12.6	261.0	
29	17.5	20.1	19.4	19.0	79	63	86	76	12.8	550.0	
30	17.6	17.8	16.6	17.3	72	58	75	68	12.0	386.0	
31	16.0	16.7	17.5	16.7	63	53	79	65	12.8	206.0	
	15.46	16.37	15.41	15.74	75.4	62.2	78.7	72.1	11.05	141.35	0.45

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 3 hours equals G.C.T.
62 year averages are for period, 1875-1936

MAY 1945

METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	0	0	0.0	1sw	1sw	0	calm	D. a. m.
2	0	0	0	0.0	0	2nw	0	light	
3	4cu	0	2cu	2.0	1ne	3ne	1nw	„	D. & M. a. m.
4	6cu	7st	5cu	6.0	0	1nw	0	slight	D. a. m.
5	0	0	0	0.0	2sw	1sw	0	light	D. a. m.
6	0	9st	0	3.0	2sw	1sw	1sw	light	
7	7st	8st	0	5.0	0	1nw	0	calm	
8	0	6st	0	2.0	1nw	1w	0	light	D. a. m.
9	10cu	8st	0	6.0	0	1ne	0	calm	
10	2-st	10st	10st	7.3	0	1n	2sw	light	Tr. at 5 p. m.
11	10st-cu	8st-cu	0	6.0	0	1nw	0	calm	
12	3cu	7cu	0	3.3	0	1ne	0	light	W. at night
13	10ni-st	10st	0	6.7	0	1ne	1ne	„	
14	10cu-st	10cu-st	0	6.7	0	2ne	0	calm	
15	1ci	0	0	0.3	1ne	1ne	0	„	
16	0	0	0	0.0	1nw	1ne	0	calm	D. a. m.
17	0	1cu	0	0.3	1sw	1sw	0	„	
18	2cu	1cu	0	1.0	2sw	2sw	0	„	D. a. m.
19	10cu	0	0	3.3	1s	1sw	0	„	
20	8cu	8cu	6cu	7.3	0	1w	0	„	
21	9cu	10cu	1cu	6.7	1sw	1sw	0	calm	Tr. a. m.
22	0	2cu	8cu	3.3	1sw	1sw	0	„	
23	5cu	0	0	1.7	1nw	1ne	1nw	„	
24	0	0	0	0.0	1nw	1nw	0	light	
25	0	0	0	0.0	0	1ne	0	calm	
26	1cu	0	1cu	0.7	0	0	0	calm	M. a. m.
27	0	9cu	2ci	3.7	1n	0	1sw	light	W. blows P.M.
28	1cu	0	0	0.3	2sw	1sw	1sw	calm	
29	0	0	0	0.0	4s	3sw	0	„	
30	0	0	0	0.0	2sw	2sw	0	light	M. a.m.
31	0	0	0	0.0	1s	2sw	0	„	
				2.66					

* Abbreviations :— G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	1	2	0	0	3	9	0	4	12	31
14:30	1	9	0	0	0	12	2	5	2	31
20:30	0	1	0	0	0	4	0	2	24	31
Totals	2	12	0	0	3	25	2	11	38	93

Number of days with rain 6, fog 0, thunderstorms 0, gale 0.

62 yr. av. days with rain during month 3.1 days